Sustaining Ecosystems Biome Setup

**DECOMPOSITION MODEL**

1. Collect materials.
   1. (1) 16-oz container
   2. Small amount of hay
   3. Distilled water
   4. Aquarium gravel
   5. pen
   6. plastic pipet
   7. microscope slide
   8. cover slip
   9. microscope
   10. Protoslo
2. Label a piece of blue tape with your last name and put it on the side of your container(s).
3. Cover the bottom of each container with aquarium gravel. Fill the container with distilled water.
4. Get a microscope slide, coverslip, and pipet. Make a wet mount slide of a sample of the water from your container.
5. Make an observation table. You will be collecting data on the following items:
   1. Water w/out hay (microscope observations)
   2. Water with hay (microscope observations)
   3. Appearance of hay
   4. Appearance of water
   5. Odor of water
   6. Temperature of water
   7. pH of water
6. View your slide through the microscope and record your observations in the data table.
7. Collect the other pieces of data listed in your data table.